ARE THERE MORE INHABITED WORLDS THAN OUR GLOBE?

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been translated into all the European languages, and even into Greek, vast once so fashionable as to be found in all the boudoirs of Pars: being founded, however, on the Cartesum theory, and otherwise errocous, it is now become obsolete. Others, as Whiston and King, attempting to combine philosophy with religion, teach us, that the suns the about of the bitssed, gathered from all the planets of the system of the broad part of the bits of the bits

ever, strong enough to be reflected, but his heat would be scarsely perceptible even in Jupiter. They are formed of light matter; for the orb of Jupiter, so but a little heavier, and those of the others are lighter than water.

They are, possibly, hollow oblate spheroids. The enormous orb of Jupiter, more than 80,000 miles in diameter, whirls round his axis in less than ten hours. What rapid mutations must his sky exhibit in his day and night of five hours each! The sun, stars, and planets, flying across the colestial arch,—rive and set in quick succession,—whilst his four moons appear, somttimes single, somatimes altogether,—celipsing the sun and each other. His year is equal to twelve of our, and his season is invariable. Supposing the relation of Satorn (for that not been ascertained) be equally rapid, it may account for the formation of his ring, in consequence of the prevalence of the centralization of his equatorial parts, which detached the matter of which it is composed from the body of the planet. It must be evident that no animal could live in them.

And what then is this grand display—the work of an all-wise and omnipotent God intended for? That must remain among his secret, purposes, until, in his wisdom and goodness, he may please to rever's them. The world is still young, and eternity a long day. These glurious orbs may be now in preparation for inhabitants; the earth revolved round the sun many ages without any.

In taking a final survey of the solar system, it is strikingly eviden', that no situation could be so happily chosen, as that which is occupied by the orbit of the earth; midway between the orbits of Mars and Venus. Had it been somewhat nearer the first, the frost and snow of the poles would spread over the temperate zones and compel the inhabitants to occupy solely the totarid zone. On the ether hand, if moved a little towards Venus, the heart would be so great, that the tropical regions must become an arid and burning desert, as they were suppored to such the first and the worker of al

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Of the origin and first formation of the sun and planets of our system there has been various bypotheses. That which comes nearest to natural appearances supposes, that the sun was formed out of the chaotic elements, in a state of intense fusion, that, having received a rotary motion from the Great First Mover, it shot forth masses of burning matter far into the regions of space; each of these masses formed by the law of gravitation an orb or planet, the molten matter of which ejected portions of itself that formed its satellites. The farthest from the centre being composed of the lightest materials, as a volcane explosic us mooks and sakes at an immense beight, white the man weighty are sent a shorter distance from the centre. This theory is strongly corroborated by the density of the planets, each of which is dense or ponderous, not in proportion to its magnitude, but to its nearness to the centre. Thus compared with the weight of water as unit, Mercury is nine times and a quarter heavier, and Saturn lighter, than water.

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It has been proved to demonstration, that the earth must have existed, thousands of years, a sterile rock of granite, before its surface produced vegetables and animals by the creative power of God; and that these successively perished, and others of different genera succeeded, and thus proceeded for many centuries before the creation of man. Every day some new discoveries are made in the different strate of the earth, establishing the truth of these facts. Among the relics of innumerable animals which no longer exist, no human skeleton has ever been found.

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lics of innumerable animals which no longer exist, no human skeleton has ever been found.

Our solar system consists of the sun, in the centre, (880,000 miles in diameter.) seven primary planets, and eighteen secondary or satellites, all moving round him. There have been also discovered between the orbits of Mars and Jupiter, four others, but so small as to be seen only through the telescope. Besides these, there are belonging to the system, more than four hundred comets, which have been noted in the annals of astronomy. They move round the sun with incredible swiftness, in orbits very eccentric, having the sun in one of the foci. Their bodies or nucleus appear to be not so solid as those of the planets; in some it seems quite vapoury, and they have tails of many millions of miles in length, not dissimilar to the Aurora Borealis, and through which the stars may be discerned. The periods and return of those bodies have been attempted to be calculated, but it seems without success. Some are supposed to have fallen on the sun, other to have lost-their way in the regions of illimitable space, and, perhaps to be attracted by some larger body. Their uses have been variously assigned; the hypothesis that supposes them to form and diffuse the electric fluid through the planetary spaces has the greatest share of probability.

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It now remains to be examined, how far all, or any of these orbs are fitted for the support of animal or vegetable subsistence.

It is natural to suppose, that the wonderful appearance of the celestial orbs, as seen through optic instruments, would give rise to new theories and opinions. The first speculation was that the moon, enjoying all the advantages of our earth, was as fitted for the habitation of animals and the growth of vegetables, as its primary. Galileo, strongly persuaded of the great probability of it, made the first map of the moon. It was adopted by most of the astronomers of his time, and they actually began to dispute about the right of giving names of districts and seas, which they fancied they could discover on the disk of that satellite. Milton, with whom Galileo appears to have been a favourite philosopher, alludes to his plausible supposition, though he did not believe it was founded in fact. "The most probable," says an excellent French proverb, "is not always the most true."

There has been a great diversity of opinions on the subject. Many eminent astronomers and philosophers maintain, that not only the moon, but the sun and planets are inhabited. Sir Isaac Newton, indeed, is wholly silent on the subject, but Dr. Herschel affaron with confidence that the body of that luminary is cool enough for inhabitants to dwell there; that its !=sinous atmosphere is about 2,500 miles from the surface of his orb, which is occasionally seen through the breaches called spots, which fluctuate irregularly oo its atmosphere. Huygens, an astronomer and mathematician of the first distinction, has published a work called "Cosmotheories," in which he peoples the moon and planets with inhabitants precisely similar in body and mind to th

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